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(54) Title: IMPROVED CLONAL CELL LINES DERIVED FROM BTI-TN-5B1-4

(57) Abstract: Improved insect cell lines, two of which are designated H5CL-B and H5CL-F (both of which are derived from the parental cell line BTI-TN-5B1-4, ATCC CRL 10859), possess the properties of increased production of baculovirus particles, increased expression of foreign proteins using a baculovirus expression system, and increased resistance to cell culture stress, relative to the parental cell line.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/36395

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 1/00, 1/20

US CL : 435/243, 252.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/243, 252.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NoneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 6,403,375 B1 (GRANADOS) 11 June 2002, see entire document.	1-5 -----
Y		1-5
X ---	US 6,379,958 B1 (VAUGHN et al) 30 April 2002, see entire document.	1-5 -----
Y		1-5
X ---	US 5,686,305 A (WANG et al) 11 November 1997, see entire document.	1-5 -----
Y		1-5

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
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